



**SETHU INSTITUTE OF TECHNOLOGY**  
 (An Autonomous Institution| Accredited with 'A' Grade by NAAC)  
 PULLOOR, KARIAPATTI – 626 115.



**DEPARTMENT OF MECHANICAL ENGINEERING**


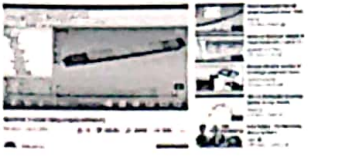
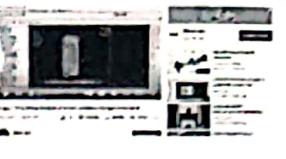
**Activity Supports Employability/Entrepreneurship/Skill Development**

**Subject Code : 19PCD 104**

**Subject Name : Computer Aided Engineering Laboratory**

**Activity Supports: Simulation in Ansys software & Video lectures to improve the problem analysis skill to support Skill Development.**

<b>Goal</b>	To Create and implement an effective Teaching learning processes in a technology driven environment.	
<b>Technique used</b>	In Conventional teaching, the students are not able to understand the concept of, Stress analysis of axi – symmetric components & Harmonic transient and spectrum analysis of simple systems using Ansys software. Therefore the simulation video technique from YouTube is used for better understanding.	
<b>Topic</b>	Stress analysis of axi – symmetric components & Harmonic transient and spectrum analysis of simple systems.	
<b>Type of Activity</b>	Group Learning	
<b>In Class Activity</b>	<b>What Course Instructor Does</b>	. Play the visualization
	<b>What student Does</b>	Listen, Observe
<b>Description</b>	Simulation of stress Analysis, Thermal Analysis & Harmonic Analysis using Ansys Software are visualize to the group of student for improving the simulation skills & Employability opportunity	
<b><u>SCREEN SHOTS:</u></b>		

		
<b>Outcome</b>	Students were easily understood the concept with the help of YouTube videos and Ansys software.	

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